



characteristic curve, exposure sensitivity function, histogram, gray values, ii Search

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Brightness control on video cameras - US Patent 6362848

From a gray-scale histogram of this type, further values such as position ... is that the characteristic curve of the function of the cross correlation does ...

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Controlling method and apparatus for an electronic camera - US ...

8 is a luminance histogram under exposure amount conditions for photographing ...

Named, with regard to a gradation characteristic curve, the standard ...

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Method for adjusting an image sensor - Patent 20060228024

The optimal characteristic curve of the exposure sensitivity is determined from the histogram of the gray values of at least one image as a function of ...

www.freepatentsonline.com/y2006/0228024.html - Similar pages

by M Franz - 2006 - All 5 versions

Digital Tones and Exposure Zones

The following figure shows gray scale zones and their values on the top. This is the image used to form the camera's histogram ...

www.rags-int-inc.com/PhotoTechStuff/TonesInZones/ - 28k - Cached - Similar pages

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sensitivity, resolution, and gain or transfer function are the same for all appropriate fashion, the histogram of gray levels in the destriped image ...

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by BKP HORN - Cited by 46 - Related articles - All 3 versions

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Film dosimetry: characteristic curves, effects of screens and filtration. ... Sychophysical factors: Threshold contrast; contrast sensitivity function. ...

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For digital, you can make a test exposure, then look at the histogram to be sure This is the characteristic curve for Ektachrome 100VS slide film—...

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Camera Control. * : *Exposure time adjustment. Manual adjustment, exposure time measurement, automatic mode. *Gray value scaling ...

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\$File/TechDat48-0042_e.pdf - Similar pages

Histogram-equalization-based Adaptive Image Sensor For Real-time ...

Image histogram equalization is an automatic gray level. correction method which in many two histogram curves proves the invariance of this adaptive ...
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At the moment reading of EXIF-data (aperture, exposure time, sensitivity, will happen at any time: If it is gray, only the HDR image will be created; ...
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Prosilica GLossary of Machine Vision Terms - Gigabit Ethernet

A 12-bit camera would represent images in 4096 shades of grey. Histogram: A ... The histogram curve represents how many pixels of each luminescence value. ...
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Imatest - Image quality factors

Characteristic curve for Capture One LE with Film Curve ... Exposure accuracy can be measured by photographing a gray scale step chart such as the Kodak ...
www.imatest.com/docs/iqf.html - 62k - Cached - Similar pages

Hamamatsu Learning Center: Introduction to Digital Imaging in ...

Grey-level or image histograms provide a variety of useful information about ... involved in creating an image with a CCD camera include: exposure of the ...
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gray values vs. density for the three color channels of an AGFA H100 color ... on the variation of the characteristics of the curves is clearly visible in ...
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[PDF] Appendix for Digital Image Acquisition and Display

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exposure. Digital images require each pixel to be assigned a unique value (quantized), so that a. unique gray shade is assigned to that pixel. ...
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The task is, for given z-values of an exposure bracketing and known exposure ... of a camera (within a color channel) have identical response functions.
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Dec 12, 2007 ... If you think in terms of the histogram of the image, Do different films at a given speed have different contrast curve characteristics? ...
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luminosity histogram function. Figure 2 is an example of a gray patch STEP 10: Using Camera #1, set at the exposure value of 1.0 EV, Field, the highest ...
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